



Product: SPIDER-PL-20-24T1Z6Z699TZ9HHHV

Configurator: SPIDER-PL-20-24T1Z6Z699TZ9HHHV

Configurator Description

SPIDER III PoE Standard Line The SPIDER III PoE Standard Line switches are highly flexible, configurable and built for PoE+, eliminating the need for an external PoE power supply. SPIDER III Premium Line The SPIDER III Premium Line is designed to offer cost-effective, unmanaged switches with a robust set of customizable features to meet individual network needs across a variety of industries.

Technical Specifications

Product description

Description	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, USB interface for configuration , Fast Ethernet
Port type and quantity	24 x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity , 2 x 100MBit/s SFP

More Interfaces

Power supply/signaling contact	1 x plug-in terminal block, 6-pin
USB interface	1 x USB for configuration

Network size - length of cable

Twisted pair (TP)	0 - 100 m
Single mode fiber (SM) 9/125	0 - 25 km, 0 - 13 dB link budget (with M-FAST SFP-SM/LC)
Multimode fiber (MM) 50/125	0 - 5000 m, 0 - 8 dB link budget (with M-FAST SFP-MM/LC)
Multimode fiber (MM) 62.5/125	0 - 4000 m, 0 - 11 dB link budget (with M-FAST SFP-MM/LC)

Network size - cascading

Line - / star topology	any
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Power requirements

Operating voltage	12/24 V DC (9.6 - 32 V DC), redundant
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Diagnostics features

Diagnostic functions	LEDs (power, link status, data, data rate)
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Ambient conditions

Operating temperature	-40-+70 °C
Storage/transport temperature	-40-+85 °C
Relative humidity (non-condensing)	10 - 95 %

Mechanical construction

Mounting	DIN rail
Protection class	IP40 metal housing

Mechanical stability

IEC 60068-2-6 vibration	3.5 mm, 5-8.4 Hz, 10 cycles, 1 octave/min 1 g, 8.4-150 Hz, 10 cycles, 1 octave/min
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IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
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EMC interference immunity

EN 61000-4-2 electrostatic discharge	4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	10 V/m (80 - 1000 MHz)
EN 61000-4-4 fast transients (burst)	2 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line
EN 61000-4-6 conducted immunity	10 V (150 kHz - 80 MHz)

EMC emitted immunity

EN 55022	EN 55032 Class A
FCC CFR47 Part 15	FCC 47CFR Part 15, Class A

Approvals

Basis Standard	CE, FCC, EN61131
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Scope of delivery and accessories

Accessories	Rail Power Supply RPS 30/80 EEC/120 EEC (CC), Wall mounting plate for DIN rail mounting (width 40/70 mm)
Scope of delivery	Device, terminal block, safety instruction
Update and Revision	Revision Number: 0.4 Revision Date: 07-26-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019

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